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L2 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2011 ACS on STN

AN 1972:434271 HCAPLUS Full-text

DN 77:34271

OREF 77:5703a,5706a

TI Production of pyridoxal phosphate. II. Production of pyridoxal phosphate from

pyridoxine-4'-, 5'-cyclicphosphate by photooxidation

AU Mineura, Kazuyuki; Takasawa, Seigo; Tanaka, Masao

CS Fuji Res. Lab., Kyowa Hakko Kogyo Co., Ltd., Fuji, Japan

SO Nippon Nogei Kagaku Kaishi (1972), 46(3), 111-18

CODEN: NNKKAA; ISSN: 0002-1407

DT Journal

LA Japanese

AB Conditions for production of pyridoxal phosphate (I) from pyridoxine 4',5'-cyclic phosphate (II) by photooxidn. in the presence of FMN were studied. Both aromatic and aliphatic amines were required for high production of I. The most effective compn. was II-FMN-aniline-isopropanolamine 1:0.02--0.025:1-2:3. The optimum pH was 8-9. I produced was identified after purification.

IT 14141-47-0

RL: RCT (Reactant); RACT (Reactant or reagent)
(photooxidn. of)

RN 14141-47-0 HCAPLUS

CN [1,3,2]Dioxaphosphepino[5,6-c]pyridin-9-ol, 1,5-dihydro-3-hydroxy-8-methyl-, 3-oxide (CA

INDEX NAME)

